



# CITY OF LODI

## COUNCIL COMMUNICATION

**AGENDA TITLE:** Approve Preparation of Plans and Specifications and Authorize Advertisement for Bids for Standby Generators at Water Well Sites 22, 23 and 24

**MEETING DATE:** September 18, 1996

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** That the City Council approve the preparation of plans and specifications for the above project and authorize advertising for bids.

**BACKGROUND INFORMATION:** During the August 10, 1996 power outage, the City of Lodi's water system was being run by five standby generators. This caused our water system pressure to drop near zero. Our Water Master Plan recommends that the City have standby power at one-third of our well sites. The City currently has twenty-four wells; thus, we need a minimum of eight standby generators. Of the five generators that were running on August 10, two are over fifty years old and those two are very unreliable with replacement parts unavailable. The remaining three generators were installed last winter at well sites 7, 9 and 16 and a fourth generator is being installed as part of the same contract at well site 5. A fifth new generator will be installed with the water tank project at well site 4R which is currently under construction.

Public Works staff has reviewed all the well site locations with the Electric Utility Department and selected water well sites 22, 23 and 24 as the sites that will give the City the best pressure distribution in the water system while taking into consideration other factors such as noise attenuation requirements and the availability of other sources. For example, the Electric Utility Department is developing plans to provide power from the NCPA turbine plant on Turner Road to run well sites 1R and 11R during a prolonged outage. During an extended duration outage, with new generators, well sites 1R and 11R would provide additional water to the system over and above the flow from the eight well sites.

The design of the new generator for well site 24 will cost approximately \$6,000. We have preliminary designs for well sites 22 and 23. Our consultant estimates it will cost another \$7,500 to complete the plans and specifications for generators at these two sites and bid the project. Results from our previous bids indicate the new generators will cost the City about \$100,000 each.

The Water Fund has recently received \$3 million as a result of the DBCP litigation settlement. This reimbursement for past expenses means funds are now available to complete this project as opposed to phasing it out over a number of years. Staff is now recommending that Council approve the completion of the design work by the same consultant (Carl Geib) who designed the previous installation, the preparation of plans and specifications, and authorize advertising for bids for three new standby generators at well sites 22, 23 and 24. After Council approval of this recommendation, it will take approximately ten months to complete the installation of the generators.

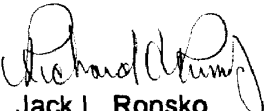
APPROVED: \_\_\_\_\_

H. Dixon Flynn -- City Manager

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**FUNDING:** The money for this project will be coming from the Water Utility Fund. A request for appropriation of funds will be made at contract award.

Project Estimate: \$350,000  
Planned Bid Opening Date: December 1996

  
for Jack L. Ronsko  
Public Works Director

Prepared by Wesley K. Fujitani, Senior Civil Engineer

JLR/WKF/lm

cc: Purchasing Officer  
Electric Utility Director  
Water/Wastewater Superintendent